

L Number	Hits	Search Text	DB	Time stamp
1	1493	(window same (rough\$5 or groove\$1 or recess\$3) same (monitor\$3 or opitic\$3 or sensor))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 15:25
2	1245	((window same (rough\$5 or groove\$1 or recess\$3) same (monitor\$3 or opitic\$3 or sensor))) and (@ad<=20000921 or @rlad<=20000921)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 15:28
3	896	(((((groove\$1 or rough\$5 or recess) same (dome or ceiling or wall)) and (detector with control\$4)) and (wafer or substrate or (object adj3 treated)))) and (@ad<=20000921 or @rlad<=20000921)) or ((((groove\$1 or rough\$5 or recess) same (window)) and (detector with control\$4) and (wafer or substrate or (object adj3 treated)))) and (@ad<=20000921 or @rlad<=20000921))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 15:32
4	1197	(((window same (rough\$5 or groove\$1 or recess\$3) same (monitor\$3 or opitic\$3 or sensor))) and (@ad<=20000921 or @rlad<=20000921)) not (((((groove\$1 or rough\$5 or recess) same (dome or ceiling or wall)) and (detector with control\$4)) and (wafer or substrate or (object adj3 treated)))) and (@ad<=20000921 or @rlad<=20000921)) or ((((groove\$1 or rough\$5 or recess) same (window)) and (detector with control\$4) and (wafer or substrate or (object adj3 treated)))) and (@ad<=20000921 or @rlad<=20000921))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 15:33
5	176	((((window same (rough\$5 or groove\$1 or recess\$3) same (monitor\$3 or opitic\$3 or sensor))) and (@ad<=20000921 or @rlad<=20000921)) not (((((groove\$1 or rough\$5 or recess) same (dome or ceiling or wall)) and (detector with control\$4)) and (wafer or substrate or (object adj3 treated)))) and (@ad<=20000921 or @rlad<=20000921)) or ((((groove\$1 or rough\$5 or recess) same (window)) and (detector with control\$4) and (wafer or substrate or (object adj3 treated)))) and (@ad<=20000921 or @rlad<=20000921)))) and (substate or wafer or (object adj3 treated) or workpiece or (work adj piece))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 15:38
-	0	"126991"	JPO;	2001/11/08 08:10
-	1544	(118/712,713,7231,723an).CCLS.	USOCR USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2002/05/28 15:21
-	5251	(156/345).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2001/11/08 08:12
-	6493	((("118/712,713,7231,723an").CCLS.) or (("156/345").CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2001/11/08 08:12

-	147	((("118/712,713,723I,723an").CCLS.) or ("156/345").CCLS.)) and (window same (mask or shield))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2002/12/03 18:08
-	147	(118/713).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2001/11/08 09:51
-	9	((("3316468") or ("4037945") or ("5074985") or ("5129994") or ("5277746") or ("5290383") or ("5622635") or ("5738756") or ("5800688")).PN.	USPAT; USOCR	2001/11/13 09:56
-	3824	((118/712,713,723I,723an) or (156/345)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2002/05/28 15:23
-	106	((((118/712,713,723I,723an) or (156/345)).CCLS.) AND @PD>=20011108	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2002/05/28 17:14
-	1685	(118/723R,723E,723MW).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2002/05/28 17:12
-	148	((118/723R,723E,723MW).CCLS.) AND @PD>=20011108	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2002/12/03 17:48
-	57	("3170383" "3316468" "3514391" "4037945" "4198261" "4208240" "4493745" "4842683" "4859277" "4913928" "4953982" "4975141" "5002631" "5074985" "5129994" "5200023" "5277746" "5290383" "5308414" "5362356" "5370765" "5372673" "5392124" "5399229" "5403433" "5406080" "5445705" "5450205" "5451289" "5456788" "5467883" "5472508" "5531862" "5536359" "5587038" "5622635" "5648701" "5654903" "5686796" "5691540" "5716451" "5738756" "5747380" "5748297" "5767628" "5770097" "5772772" "5792272" "5800688" "5804046" "5807761" "5834375" "5837057" "5846883" "5858259" "6006694" "6085688").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2002/05/28 18:19
-	3559	((118/712,713,723I,723AN,723R,723E,723MW) or (156/345)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2002/12/03 17:51

-	274	((((118/712,713,723I,723AN,723R,723E,723MW) or (156/345)).CCLS.) AND @PD>=20020528	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:16
-	21	(((((118/712,713,723I,723AN,723R,723E,723MW) or (156/345)).CCLS.) AND @PD>=20020528) and (window same (mask or shield)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2002/12/03 18:18
-	83	(window same mask same (aspect adj ratio))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:15
-	0	(window same mask same (aspect adj ratio) same (prevent with (deposit\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:16
-	2	("5759424").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2002/12/04 10:20
-	149	((((118/712,713,723I,723AN,723R,723E,723MW) or (156/345)).CCLS.) AND @PD>=20021204	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/03/10 18:44
-	12	(((((118/712,713,723I,723AN,723R,723E,723MW) or (156/345)).CCLS.) AND @PD>=20021204) AND RECESS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/03/10 18:47
-	49	(((((118/712,713,723I,723AN,723R,723E,723MW) or (156/345)).CCLS.) AND @PD>=20021204) AND WINDOW) NOT (((((118/712,713,723I,723AN,723R,723E,723MW) or (156/345)).CCLS.) AND @PD>=20021204) AND RECESS)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/03/10 18:48
-	0	(window same RECESS same (aspect adj ratio) same (prevent with (deposit\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:17
-	40	(window same RECESS same (prevent with (deposit\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:43

-	973	(156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/03/10 19:03
-	43	((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS AND WINDOW	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:12
-	55	(((((118/712,713,723I,723AN,723R,723E,723MW) or (156/345)).CCLS.) AND @PD>=20021204) AND WINDOW	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:14
-	2	("6390019").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/08 15:41
-	4	((("5944049") or ("5795328")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/14 17:33
-	4	((("5944049") or ("5795328")).PN.) and (variable speed near "3" pump)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/14 17:34
-	50	((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS AND WINDOW	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:48
-	944	(((((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND WINDOW	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:49
-	93	(window same mask same (aspect adj ratio))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:16
-	0	(window same mask same (aspect adj ratio) same (prevent with (deposit\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:16
-	0	(window same RECESS same (aspect adj ratio) same (prevent with (deposit\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/07/31 11:17

-	56	((((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS AND WINDOW) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND WINDOW) ((window same mask same (aspect adj ratio)))) and @pd>=20030310	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/31 10:06
-	40	(window same RECESS same (prevent with (deposit\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/31 10:08
-	366	((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND WINDOW	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/31 10:09
-	121	((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/31 10:09
-	293	((((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND recess	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/31 10:09
-	0	((((window same RECESS same (prevent with (deposit\$4))))) and @pd>=20030310	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/31 12:09
-	355	(((((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND WINDOW) (((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND recess)) not (((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS AND WINDOW) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND WINDOW) ((window same mask same (aspect adj ratio))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/31 10:13
-	2	("6132566").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/22 14:31
-	40	(window same RECESS same (prevent with (deposit\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/31 10:08
-	401	((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND WINDOW	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/31 10:09

-	128	((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/31 10:09
-	310	((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND recess	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR	2003/12/31 10:09
-	47	((window same RECESS same (prevent with (deposit\$4)))) (((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND WINDOW) (((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND recess)) and @pd>=20030811	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/20 19:04
-	74	((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS AND WINDOW) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND WINDOW) (window same mask same (aspect adj ratio))) and @pd>=20030811	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/20 19:05
-	40	((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS AND WINDOW) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND WINDOW) (window same mask same (aspect adj ratio))) and @pd>=20030811 not (((window same RECESS same (prevent with (deposit\$4)))) (((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND WINDOW) (((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND recess)) and @pd>=20030811)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/31 10:34
-	2	("5759424").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/05 13:17
-	2	6132566.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/15 12:58
-	2	jp-09232099-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/20 17:51
-	2	6132566.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/20 18:03
-	52	((window same RECESS same (prevent with (deposit\$4)))) (((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND WINDOW) (((156/345.24,345.25,345.43,345.44,345.47,345.48).CCLS.) AND RECESS) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND recess)) and @pd>=20031231	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/20 19:04

-	42	(((((156/345.24,345.25,345.43,345.44,345.47,345.48)).CCLS.) AND RECESS AND WINDOW) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND WINDOW) ((window same mask same (aspect adj ratio))) and @pd>=20031231	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/20 19:06
-	76	(((((window same RECESS same (prevent with (deposit\$4)))) ((156/345.24,345.25,345.43,345.44,345.47,345.48)).CCLS.) AND WINDOW) (((156/345.24,345.25,345.43,345.44,345.47,345.48)).CCLS.) AND RECESS) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND recess)) and @pd>=20031231) ((((156/345.24,345.25,345.43,345.44,345.47,345.48)).CCLS.) AND RECESS AND WINDOW) (((118/712,713,723I,723AN,723R,723E,723MW)).CCLS.) AND WINDOW) ((window same mask same (aspect adj ratio))) and @pd>=20031231)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/20 19:07
-	2	("5759424").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 12:40
-	10	("5456757" "5609690" "5753044" "5990017" "6006694" "6007673" "6024826" "6074488" "6287981" "6447853" "2002/0011215").PN.	USPAT	2004/05/21 13:24
-	5	((("20030026917") or ("6712927") or ("20020117472") or ("6129807") or ("6390019")).PN.	USPAT; US-PGPUB	2004/05/21 16:21
-	0	((groove\$1 or rough\$5 or recess) with (window)) same (processing adj monitoring adj system)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 16:36
-	0	((groove\$1 or rough\$5 or recess) same (window)) same (processing adj monitoring adj system)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 16:44
-	0	((groove\$1 or rough\$5 or recess) with (dome or ceiling or wall)) same (processing adj monitoring adj system)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 16:42
-	0	((groove\$1 or rough\$5 or recess) same (dome or ceiling or wall)) same (processing adj monitoring adj system)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 16:53
-	0	(groove\$1 or rough\$5 or recess) and ((window) same (processing adj monitoring adj system))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 16:45
-	3	(groove\$1 or rough\$5 or recess) and (window) and (processing adj monitoring adj system)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 17:12
-	0	(groove\$1 or rough\$5 or recess) and ((dome or ceiling or wall) same (processing adj monitoring adj system))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 16:55

-	0	(groove\$1 or rough\$5 or recess) and (dome or ceiling or wall) and (processing adj monitoring adj system)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 17:46
-	5982	(groove\$1 or rough\$5 or recess) and (window) and (detector with control\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 17:14
-	2214	(groove\$1 or rough\$5 or recess) and (window) and (detector with control\$4) and (wafer or substrate or (object adj3 treated))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 17:17
-	326	((groove\$1 or rough\$5 or recess) same (window)) and (detector with control\$4) and (wafer or substrate or (object adj3 treated))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 17:49
-	262	(((((groove\$1 or rough\$5 or recess) same (window)) and (detector with control\$4) and (wafer or substrate or (object adj3 treated)))) and (@ad<=20000921 or @riad<=20000921)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 17:50
-	10450	(groove\$1 or rough\$5 or recess) and (dome or ceiling or wall) and (detector with control\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 17:48
-	3899	((groove\$1 or rough\$5 or recess) same (dome or ceiling or wall)) and (detector with control\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 17:48
-	900	(((((groove\$1 or rough\$5 or recess) same (dome or ceiling or wall)) and (detector with control\$4)) and (wafer or substrate or (object adj3 treated)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/21 17:50
-	706	(((((groove\$1 or rough\$5 or recess) same (dome or ceiling or wall)) and (detector with control\$4)) and (wafer or substrate or (object adj3 treated)))) and (@ad<=20000921 or @riad<=20000921)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 15:32
-	634	(((((groove\$1 or rough\$5 or recess) same (dome or ceiling or wall)) and (detector with control\$4)) and (wafer or substrate or (object adj3 treated)))) and (@ad<=20000921 or @riad<=20000921) not ((((groove\$1 or rough\$5 or recess) same (window)) and (detector with control\$4) and (wafer or substrate or (object adj3 treated)))) and (@ad<=20000921 or @riad<=20000921))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 15:32